

composed of any of diatomaceous earth, synthetic mica and a mixture thereof; and

coverture made of a heat-resistant antifriction material mainly composed of any of boron nitride, polytetrafluoroethylene resin and a mixture thereof for covering a surface of said gasket basic substance.--

--11. A gasket for a high-temperature joint, the gasket comprising:

a gasket basic substance formed by filling gaps of any one of a meshed metallic reinforcing member and a woollike metallic reinforcing member with a heat-resistant antifriction material mainly composed of any of boron nitride, polytetrafluoroethylene resin and a mixture thereof; and

coverture made of said heat-resistant antifriction material for covering a surface of said gasket basic substance.--

--12. The gasket for a high-temperature joint according to claim 10, wherein said meshed metallic reinforcing member is made of metallic wires.--

--13. The gasket for a high-temperature joint

according to claim 11, wherein said meshed metallic reinforcing member is made of metallic wires.--

--14. A method of fabricating a gasket for a high-temperature joint comprising the steps of:

*B-  
cont*

filling a heat-resistant filler in a state of an aqueous solution mainly composed of any of diatomaceous earth, synthetic mica and a mixture thereof into gaps of any one of a pre-formed meshed metallic reinforcing member and a pre-formed woollike metallic reinforcing member;

forming a gasket basic substance by solidifying said heat-resistant filler according to a thixotropic phenomenon and by drying subsequently;

covering a surface of said gasket basic substance with a heat-resistant antifriction material mainly composed of any of boron nitride, polytetrafluoroethylene resin and a mixture thereof; and

forming said gasket basic substance into predetermined dimensions and shape.--

--15. The method of fabricating a gasket for a high-temperature joint according to claim 14, wherein said aqueous solution of said heat-resistant filler mainly composed of

diatomaceous earth, synthetic mica or a mixture thereof is composed of total 100 wt% in combination with water within 85 wt%, any of diatomaceous earth, synthetic mica and a mixture thereof within 20 wt%, and synthetic bentonite within 5 wt%.--

*B<sup>1</sup>  
cont*

--16. The method of fabricating a gasket for a high-temperature joint according to claim 14, wherein said reinforcing member and said aqueous solution of any of the heat-resistant filler and the heat-resistant antifriction material are severally deaerated under reduced pressure atmosphere and then said reinforcing member is immersed into said aqueous solution under reduced pressure atmosphere in said step of filling any of said heat-resistant filler and said heat-resistant antifriction material in the state of said aqueous solution into said gaps of the metallic reinforcing member.--

--17. The method of fabricating a gasket for a high-temperature joint according to claim 15, wherein said reinforcing member and said aqueous solution of any of the heat-resistant filler and the heat-resistant antifriction material are severally deaerated under reduced pressure atmosphere and then said reinforcing member is immersed into said aqueous solution under reduced pressure atmosphere in said step of

filling any of said heat-resistant filler and said heat-resistant antifriction material in the state of said aqueous solution into said gaps of the metallic reinforcing member.--

*B!  
cont*  
--18. A method of fabricating a gasket for a high-temperature joint comprising the steps of:

filling a heat-resistant antifriction material in a state of an aqueous solution mainly composed of any of boron nitride, polytetrafluoroethylene resin and a mixture thereof into gaps of a pre-formed metallic reinforcing member;

forming a gasket basic substance by solidifying said heat-resistant antifriction material according to a dilatancy phenomenon and by drying subsequently;

covering a surface of said gasket basic substance with said heat-resistant antifriction material; and

forming said gasket basic substance into predetermined dimensions and shape.--

--19. The method of fabricating a gasket for a high-temperature joint according to claim 18, wherein said aqueous solution of said heat-resistant antifriction material is composed of total 100 wt% in combination with boron nitride dispersion within 90 wt% containing 20 wt% boron nitride,

polytetrafluoroethylene resin dispersion within 70 wt% containing 60 wt% polytetrafluoroethylene resin solid, and boron nitride powder within 20 wt%.--

*B1  
cont*  
--20. The method of fabricating a gasket for a high-temperature joint according to claim 18, wherein said reinforcing member and said aqueous solution of any of the heat-resistant filler and the heat-resistant antifriction material are severally deaerated under reduced pressure atmosphere and then said reinforcing member is immersed into said aqueous solution under reduced pressure atmosphere in said step of filling any of said heat-resistant filler and said heat-resistant antifriction material in the state of said aqueous solution into said gaps of the metallic reinforcing member.--

--21. The method of fabricating a gasket for a high-temperature joint according to claim 19, wherein said reinforcing member and said aqueous solution of any of the heat-resistant filler and the heat-resistant antifriction material are severally deaerated under reduced pressure atmosphere and then said reinforcing member is immersed into said aqueous solution under reduced pressure atmosphere in said step of filling any of said heat-resistant filler and said heat-

resistant antifriction material in the state of said aqueous solution into said gaps of the metallic reinforcing member.--

*B/cont*  
--22. The method of fabricating a gasket for a high-temperature joint according to claim 14, wherein said meshed metallic reinforcing member is made of metallic wires.--

--23. The method of fabricating a gasket for a high-temperature joint according to claim 15, wherein said meshed metallic reinforcing member is made of metallic wires.--

--24. The method of fabricating a gasket for a high-temperature joint according to claim 16, wherein said meshed metallic reinforcing member is made of metallic wires.--

--25. The method of fabricating a gasket for a high-temperature joint according to claim 17, wherein said meshed metallic reinforcing member is made of metallic wires.--

--26. The method of fabricating a gasket for a high-temperature joint according to claim 18, wherein said meshed metallic reinforcing member is made of metallic wires.--